

## ABSTRACT OF THE DISCLOSURE

Remote appliance activation can be achieved by relaying between radio frequency transmission schemes having different characteristics. A radio receiver receives radio frequency control signals for controlling the appliance. Each  
5 existing radio frequency transmitter is specifically designed to transmit wireless radio frequency control signals having receiver characteristics to the radio receiver. A new wireless radio frequency transmitter has transmitter characteristics, at least one of which is different from receiver characteristics. A radio relay learns the receiver characteristics from one of the existing transmitters and learns at least one  
10 transmitter characteristic from the new transmitter. Then, when an appliance radio frequency activation command is received from the new transmitter, the radio relay transmits a new radio frequency appliance activation command having the learned receiver characteristics.